19981012.ba v02_n255.bam.981012

>From ???@??? Tue Oct 13 05:16:55 1998
Message-Id: <199810122242.RAA15810@sco.theporch.com>
Date: Mon, 12 Oct 1998 17:42:13 CDT
Subject: BOATANCHORS digest 2255

BOATANCHORS Digest 2255

Topics covered in this issue include:

Message-Id: <199810120216.VAA12606@smtp2.mailsrvcs.net>
From: "Roger Dillon" <rogerjd@gte.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: help with rt-70/GRC
Date: Sun, 11 Oct 1998 21:21:20 -0500
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Picked up a very clean RT-70 today.
Unfortunately, no power supply.
Can anyone tell me the pinouts of the power and audio connector and the
meaning of that three position switch (veh, tank and field)?
73
Roger
N5PGH

Message-ID: <36216D89.91DB4A39@concentric.net>
Date: Sun, 11 Oct 1998 19:46:33 -0700
From: "Lloyd A. Scott, Jr." <wpul1130@concentric.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Scope
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings: I have a Tektronix Type 317 Oscilloscope. Does anyone know
where I can find a set of probes for this beast? Also how much
difference between the Model 316? I have located a book for the 316.
Many thanks in advance
Lloyd

Message-ID: <01BDF57F.30DEC740@mys19.riconnect.com>
From: "Christopher A. Bowne" <radiobwn@riconnect.com>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "'boatanchors@theporch.com'" <boatanchors@theporch.com>
Subject: RE: GRC-9 Delayed TX on VOICE.

Date: Mon, 12 Oct 1998 01:25:22 -0400
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

Larry - I'm not sure what caused your receiver problem, but re the TX = delayed key-up an AM - not to wory, that is extremely, in fact by = design, NORMAL!

The reason for the delay is that the transmitter tubes are all "quick = heating" direct filament heater type cathode tubes. To conserve power = consumption, esp. when using a hand cranked genny, the FILAMENTs of the = TX section are keyed along with the B+ by the PTT on VOICE (only). = Therefore, one has to wait a few seconds for the transmitter to come up. = Ten seconds, however, seems an unusuallly long time. You may have also = found out that you cannot NET the transmitter MO to the RX in VOICE, for = the same reason. The filaments stay lit in the CW/MCW modes. It takes = getting used to, but a no-mod work-around is to leave the set in MCW-LOW = while receiving/netting, then switch it VOICE-HIGH just before you want = to transmit. =20

73,

Chris Bowne, AJ1G
Stonington, CT
radiobwn@riconnect.com
Charter Member, Hosstraders Hamfest Cattle Barn Radio Society, October, = 1998
AMI No. 211

From: Larry Bearse
Sent: Sunday, October 11, 1998 6:46 PM
To: Old Tube Radios
Subject: Manual for IM-37 and GRC-9 project update.

Got a field strength meter from W1AFA this weekend at the big = (sometimes)
"Rainchester" hamfester for a damn good price, Thanks ED!,
and need a manual. It is marked IM-37/PRM-1 and AN/PRM-1. Anybody = willing
(and able) to copy for a fee of course the manual. Or even sell an
original?

Also finally have the RT-77/GRC-9 up and running, with a few bugs. = Never
could find a power supply, maybe didn't try hard enough, so I built one
with some help from Ed Zeranski and my junk box. I ran it mobile this
weekend to "Rainchester" and a weird thing happened. It seemed fine at
first, running into a Hustler mobile whip, but at the site I noticed = that I
could not hear too many signals anymore, they seemed to be masked by = some
kind of very broadband noise. Later it was receiving some extremely
unstable carriers spaced evenly up and down the bands, being worse on = band
1. Disconnecting the ant cable made it all go away....weird. I believe = that
there was some kind of loop set up because of the way the ant cable was
connected. The radio was set up for 'DOUBLET' on 9 for best lighting of = the
neon bulb, and the coax center was on the top ant connector and shield = on
lower. BUT the shield was not grounded to the radio, I haven't had a = chance
to prove my theory, since the radio was removed and benched as soon as I
got home, but will try it soon. It worked fine on the bench by the way.
Another problem is with the double winding keying/screen protector = relay.
On CW it keys right up, but on AM it takes about 10 seconds for it to
chatter into operation. The sound was described as like a fart on the
receiving end! I wonder if the final tube is a little soft or drive is = low,
any ideas??

Thanks....73.....Larry WA1LGQ

Message-ID: <01BDF584.03748CE0@mys19.riconnect.com>
From: "Christopher A. Bowne" <radiobwn@riconnect.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: GRC-9 problems.
Date: Mon, 12 Oct 1998 01:59:53 -0400
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

AA1P is correct in his statement that the DOUBLET antenna position of = the GRC-9 antenna matching network does not have a ground return. The =

TM indicates that the type of doublet feed they had in mind was a =
BALANCED low impedance feed. That's why there are TWO antenna terminals =
up there on the left. The upper one is used for single feed wire WHIP =
and LONG WIRE antennas. They are both used for feeding a DOUBLET. For =
the as designed balanced feeders, no grounding is required of the lower =
terminal. For modern unbalanced coax feed, run a jumper from the =
antenna lower terminal to the set GROUND terminal on the receiver to =
provide a return for the low side of the output coupling link, and =
connect the coax shield to either the ground post or the lower antenna =
terminal. The coax center conductor. of course should go to the upper =
terminal. When using a whip or long wire, be sure your =
ground/counterpoise is connected to the GROUND terminal on the =20
receiver, and not the lower antenna terminal. =20

It is also likely that you will get the best output for a resonated, =
impedance matched (nominal 50 ohm) mobile whip in the DOUBLET position =
(with the sheild conductor returned to ground as described above. WHIP =
is used for matching, using the internal tuner, an electrically short, =
very low impedance (nominal 15 foot or less) whip either in a field =
installation or on a vehicle. LW is for matching a nominal 1/2 wave end =
fed wire. This antenna arrangement works well, if you can set it up, =
with only a minimal counterpoise, because of the high antenna impedance. =
 I have worked lots of EU DX on 40 CW with the long wire antenna =
arrangement from out in the woods on camping trips. (And the low =
background noise makes for fabulous receiving!)

BTW, an old rule of thumb was that zip cord is a reasonable =
approximation of a 75 ohm balanced feeder, especially at low power and =
on 80 and 40 meters. (Anyone ever actually verify this with an antenna =
/feed computer analysis package, or with instrumentation?)

73, =20

Chris Bowne, AJ1G
Stonington, CT
radiobwn@riconnect.com
AMI No. 211

PS - Sorry about the failure to delete the orignal text from my reply re =
the delayed TX phenomenon. First time in a while that I goofed on that =
- Jack please have mercy!

Date: Mon, 12 Oct 1998 09:34:33 -0400
From: BEN NOCK <G4BXD@compuserve.com>
Subject: TA-12 bits needed
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <199810120934_MC2-5C69-86B7@compuserve.com>

MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

For my TA-12 set up I am looking for the following. =

psu plug for the tx, (just a plug less lead would be a great help.)
aerial tuning unit
tx junction box
rec junction box
tx remote
rx remote
azimuth
leads
mod/psu

cheers, Ben. G4BXD.

Date: Mon, 12 Oct 1998 09:46:08 -0400 (EDT)
From: Nick England <nick@cs.unc.edu>
Message-Id: <199810121346.JAA09653@altair.cs.unc.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Valiant/500 audio question

I'm still working on my Johnson 500 and found out the audio
was missing because of a blown 4 Hy inductor in the
low pass filter that follows the clipper. Anyone have a spare
or know of a reasonable source for a substitute ? Has anyone
just deleted this and put in a resistor there ? (I wouldn't use
clipping if I did this).

Also I have no modulator idle current - Grid bias is -10 instead of -9
as in the book but I wouldn't have thought it was that touchy.

Thanks - I usually dig into a rig without asking a lot of questions
about how other people's units operate, but this is a bit more
serious rig than my usual DX-100, Apache, etc. and caution seems
like a good idea.
73 & Have Fun,
Nick England KD4CPL   nick@cs.unc.edu   Univ. Of North Carolina
http://www.cs.unc.edu/~nick/hobbies.html   Chapel Hill NC

Message-Id: <2.2.32.19981012135727.006da5c0@rideau.net>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 12 Oct 1998 09:57:27 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Larry Kayser <kayser@rideau.net>
Subject: Ford's Surplus, Smiths Falls

Greetings:

I have been by Ford's a couple of times lately and see they have some neat stuff in stock. They had an excellent NC-240_D, some HQ-100's, a Ranger or two, a Collins antenna tuner with control box etc, some BC-453's, Triplet meter, RME-45's, couple of DX-40's, HT-9, some really neat stuff. If your looking for vintage BA's give them an email.

They have a great supply of tubes, even some WW II German types in original boxes etc.

As usual I have no interest in the store, just an occasional customer who is well satisified with the treatment received....

They have some solid state KW's and fairly modern RX's as well, all beyond my price point however hi.

Larry
VA3LK / WA3ZIA

Message-ID: <36220D1D.34CAEF7B@facstaff.wisc.edu>
Date: Mon, 12 Oct 1998 09:07:26 -0500
From: Clark Thompson <cmthomp1@facstaff.wisc.edu>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Info on Gates BC-250A
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings,

A local ham without internet access is looking for information on a Gates BC-250A broadcast transmitter. The serial number (if that's important) is 38906-MO M-4454. The rig uses a pair of 812's modulated by 812's.

He is mainly in need of the schematic and other information helpful in trouble shooting and restoration. Any leads will be greatly appreciated.

Thanks & 73,

Clark, KD9QI

From: K1HC@aol.com
Message-ID: <7cb73ae1.362213a3@aol.com>
Date: Mon, 12 Oct 1998 10:35:15 EDT
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: National NTE-B Exciter
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I have a National NTE-B 30 watt AM and CW exciter, which is about 1938 vintage. Can anyone tell me what receiver would be paired with this exciter? I'm not too familiar with equipment of that era (but I'm learning every day thanks to all the smart people on the BA newsgroup, thanks!).

Dick Bean, K1HC
Westwood, MA
K1HC@AOL.COM

From: Chip Owens <owens@atd.ucar.edu>
Message-Id: <199810121443.IAA15114@ale.atd.ucar.edu>
Subject: National Company & HRO
To: Old Tube Radios <boatanchors@theporch.com>
Date: Mon, 12 Oct 1998 08:43:40 -0600 (MDT)
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Hi Gang,
Is there a history of the development of the HRO somewhere on the net? I'd like to find out more about the production history of the HRO receiver-especially the different models produced, features, & specs.

Any help greatly appreciated.

Thanks, Chip, NW0O

From: tenagle@mmm.com
Message-ID: <362278A5.C3995B7C@mmm.com>
Date: Mon, 12 Oct 1998 16:46:13 -0500
MIME-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: crystal grinding
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Roger Dillon wrote:
>
> I recently decided to try grinding a crystal for 8022 kc for a Polycomm 2 I use from time to time.

> Does anyone have any experience with this?
>
> 73
> Roger
> N5PGH

Hi Roger,

Some additional tricks:
1. Only grind one side. Mark one side and keep it flat.
2. You can lower the freq a few kc with a lead pencil
   (May not help in your case though)
3. Place some tin foil under your sandpaper/grinding stone and attach
   it to your rcvr antenna input. Set the rcvr to the desired freq
   (or perhaps a bit below it). You can hear your grinding as you
   approach the target freq.

Message-ID: <36222164.AC1B1A36@bw.webex.net>
Date: Mon, 12 Oct 1998 11:33:56 -0400
From: Al Klase <skywaves@bw.webex.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: National NTE-B Exciter
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

K1HC@aol.com wrote:
>
> I have a National NTE-B 30 watt AM and CW exciter, which is about 1938
> vintage. Can anyone tell me what receiver would be paired with this exciter?

I kinda remember seeing a QST add showing an NTE with a NC-101X. An HRO would also be appropriate.

73, Al

--
Al Klase - N3FRQ
skywaves@bw.webex.net
Flemington, NJ 08822
Web Page: http://www.webex.net/~skywaves/home.htm

Date: Mon, 12 Oct 1998 10:45:06 -0500 (EST)
From: "Roberta J. Barmore" <rbarmore@indy.net>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: National NTE-B Exciter
Message-ID: <Pine.SUN.3.96.981012103939.15389B-100000@indy3>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi!

   I sent Dick a long (dull) e-mail about National models that might match, and in the writing discovered I'm very hazy on NC-100 family nomenclature.
   ...Has Larry Ware produced a definitive list? I'm thinkin' the -100s are GC while the -101s are ham band; and the directly-calibrated-dial versions got an X suffix. But what of the PW-dial, art-deco 101? And how were the magic eye & S-meter version of the PW-dial 101s identified? (I like the looks of the PW-dial models--not just purty, they look *lighter!*)

   73,
   --Bobbi
   (Don' looka me, I own HROs--the telltale sign is that twitch towrds the B+ switch when changing bands on any other receiver...!)

KB9GKX "RJ" rbarmore@indy.net Roberta J. (Bobbi) Barmore
      FISTS #3388 * G-QRP #10001 * ARRL * RSGB * WIA
   Appreciator Of Vacuum-Tube Ham Gear and Vintage Keys

Message-Id: <v03007802b247b3a8a57f@[132.235.46.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 12 Oct 1998 12:11:16 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Richard Post <post@ouvaxa.cats.ohiou.edu>
Subject: Regulated power supply now working

Bill Hawkins wrote:
>The voltage adjust pot should not be nonlinear. If the supply goes to
>zero volts, there must be a negative bias supply in there. I'd look
>for loss of ground reference at the output voltage pot - mebbe a
>corroded ground lug or a broken pot, open at the CCW position. Or the
>bias supply might be dead.

I looked in the mirror and a virtual image pointed at me and said "Duh!". Thanks to Bill, who was the first to point out that the key symptom was non-linearity relative to the main adjust pot, and to Rhett, Arden, Mark, Dave and Hank who also caught this or provided sound advice. I replaced a bad cap and other parts which were keeping the negative supply from doing its job. What threw me was how well this thing performed even without the negative supply. The big supply now happily goes to zero and the unmarked pot that I thought should be the zero-set for the supply is now indeed doing just that.

In tracing through the circuit, the voltage is controlled in two stacked stages. The cathodes of the two 6AS7 tubes feed the plates of the triode-connected 6L6 pass tubes. I am guessing this is because the 8 paralleled 6L6s cannot take all of the drop by themselves. The supply goes to 500 volts. The pots for the 6SJ7 control tube for the 6AS7 adjust points are on the rear of the chassis and are intended to remain in fixed position.

In testing the supply after repairs, it happily brought my 250 volt 20 watt lamp from zero to max with no sweat (80 mils). I also fed three 40 watt candelabra lamps wired in series. This combo drew about 200 mils at a relatively low voltage point (making the pass tubes take the brunt). Going to 225 mils causes one of the 6AS7 triode section plates to glow orange. Will have to go back and check the 1000 ohm grid resistors and the 100 ohm plate resistors to make sure the four paralleled 6AS7 triode sections are balanced. The one glowing plate says the load is not evenly distributed.

Without specs on the supply, I am guessing that it should handle the full 300 mil load based simply on the number of 6L6 tubes (8) and the specs on the commercial grade UTC power transformer (rated at 360 mils). 300 mils is the max on the meter, which does not have any max warning such as on the Heath PS-4 current meter which goes to 120 mils but has a 100 ma warning right on the meter. Maybe 250 mils is a safer bet.

What I like about this supply is the way it is built (ruggedly). Because of the appropriate bleeder resistors, it also does not have the "kick-back" effect common in the Heath supplies when DC is removed (when switched back to stand-by) This kickback is caused by the three sets of electrolytics decaying to zero at different rates. I have been able to fix that by adding a small bleeder to the Heath's 6L6 screen grid supply.

Thanks much for your assistance.

73,
Rich

==========
      Boatanchor Pix website - KB8TAD
 http://ouvaxa.cats.ohiou.edu/~post/PIX/BA.html

visit the Museum of Radio and Technology website
   http://ouvaxa.cats.ohiou.edu/~post/MRT/

Message-ID: <36222DFF.126B7ED1@concentric.net>
Date: Mon, 12 Oct 1998 09:27:44 -0700
From: "Lloyd A. Scott, Jr." <wpul1130@concentric.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Help
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings all: Can some one give me the correct syntax to dump the QTH
BAfolks. Every thing I try fails. Many thanks in advance
Lloyd

--
~~~~~~
SUCCESS - Is what your boss achieves through your hard
          work
~~~~~~

Message-Id: <3.0.5.32.19981012111259.00892ea0@pop.pipeline.com>
Date: Mon, 12 Oct 1998 11:12:59 +0000
To: Old Tube Radios <boatanchors@theporch.com>
From: "Lawrence R. Ware" <lrware@pipeline.com>
Subject: National NC-100's
Cc: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:45 10/12/1998 -0500, Roberta J. Barmore wrote:
<snip>
>and in the writing discovered I'm very hazy on NC-100
>family nomenclature.
>   ...Has Larry Ware produced a definitive list?
I would not call it definitive... Better a "Work-in-progress" :-)
About 80 pages in this years AWA Review (vol. 11), complete with
lots of *outstanding* pictures.
I can't take credit for the pictures, I borrowed them. :-)

I won't call it everything known about coil-catacomb Nationals,
I *does* cover all the models *I* know of. 64 versions, not
counting the battery only models....

>I'm thinkin' the -100s
>are GC while the -101s are ham band;
Correct, both have PW dials.

>and the directly-calibrated-dial
>versions got an X suffix.
An "A" suffix for the later direct cal dials,
The "X" suffix means a lamb type crystal filter option installed.
(Disclaimer, enough exceptions exist that this is a *rough*
rule of thumb..)

>But what of the PW-dial, art-deco 101?
Never seen one... (art deco 101.)
The art deco 100's are getting harder to find, the 101 ham band
version doesn't have the pretty front. Plain black wrinkle instead.

>And how
>were the magic eye & S-meter version of the PW-dial 101s identified? (I
>like the looks of the PW-dial models--not just purty, they look
>*lighter!*)
Alas, not with different model numbers. Early units have a tuning
eye tube, later units an S-meter.

The PW dial units are a little lighter, not as tall either.

Now watch, since I posted some opinions, someone will have to tell
me all about another National I've never even heard of.. :-)
And thus the database grows (work-in-progress.) <grin>

-larry

Larry Ware
Admirer, Collector, Restorer of National Radio Company
receivers and other artifacts.

Orlando, Florida
lrware@pipeline.com

Message-ID: <000001bdf613$a7363100$0c2719ce@enduser>
From: "Spencer Petri" <spetri@e-tex.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: 6U8/6EA8
Date: Mon, 12 Oct 1998 11:03:15 -0700
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Greetings,

Anybody got a good (cheap) source for the above tube. My lifetime supply ran
out. Guess I'd better keep looking over my shoulder.

Thanks,

73 de Pete WA5JCI EM 21

6 Meters WAC - WAS #490 - VUCC #361- DXCC/91

2 Meters 36 States - VUCC # 346

Message-ID: <36225AF0.AC4E7DC9@acsu.buffalo.edu>
Date: Mon, 12 Oct 1998 15:39:28 -0400
From: John Russo <jprusso@acsu.buffalo.edu>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Valiant mod xfmr ??
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Have a Valiant I with a blown audio driver transformer T4.

Marked as a Stancor P-3069.

Could someone please look up the spec in a late 50's Stancor catalog.

This looks like a power transform part #. Looks like the original
Johnson part too.

Thanks,   John Russo KF2JQ

Date: Mon, 12 Oct 1998 16:04:59 -0500 (EST)
From: "Roberta J. Barmore" <rbarmore@indy.net>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: National NC-100's
Message-ID: <Pine.SUN.3.96.981012160405.25336B-100000@indy2>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi!

A giant ooops! I meant the deco *100,* not the 101, as Larry pointed out. >blush<

73,
--Bobbi

KB9GKX "RJ" rbarmore@indy.net Roberta J. (Bobbi) Barmore
FISTS #3388 * G-QRP #10001 * ARRL * RSGB * WIA
Appreciator Of Vacuum-Tube Ham Gear and Vintage Keys

From: Jderm740@aol.com
Message-ID: <5b44d1f6.36227529@aol.com>
Date: Mon, 12 Oct 1998 17:31:21 EDT
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: Hamfests
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

To All
Now that I have this unit up and running again I can report on two recent fests. About a month ago this unit swallowed some kind of poison and urned up it's toes and died with the lose of about 6000 data entries.
A quick call to Shirley McClain and a reincarnation was performed. A very slow and laborious process. The printer still doesn't speak in english. Just tongues, but at leasr it can write.
Newtown: Saw two S40's an HQ 120 and HQ 129 plus some Collins equipment. Nobody liked to put prices on the items and I didn't feel like asking. Picked up a few goodies. A brand new in the box 5amp variac for $20.00, a Millen dial (new) for $5 and set of Millen Absortion meters also for $5. Also picked up a 1943 ARRL Handbook. Very interesting.
I thought all Hams were shut down during WW2 but according to this book there was a special group allowed to operate. The book is delicate so I have to be

careful when I get around to reading the chapter in question.
New England Bid Do in Wallingford: You could have bought anything your heart desired.
Inline Skates, computer stuff, toys, etc. It drew all kinds. Saw one dude looking at a Johnson Trasmatch and asking if it was an "amplifier". The seller had a linear there but this dude had NO IDEA what he was looking at but I can guess he wanted to hang it on the end of his CB and clean house all the way to Japan.
Only picked up one item. A HW100 with a homebuilt PS. PS shows excellent work but no schematic. It only cost me $4275. The zeros come after the . Now I know that seems high but with the weight of the PS, the $75.00 was for the purchase, but the $4200 was to get my two little friends returned to their proper place. Good surgeons charge a lot. Especially ones whose hands don't shake.

Well, that's all for now.

Jack

From: "David Newkirk" <dpnewkirk@home.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Chassis punch availability?
Date: Mon, 12 Oct 1998 18:34:19 -0400
Message-ID: <000001bdf630$73c69860$33940318@cc632587-a.vron1.nj.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Jim Lyle wrote:

> The
> ideal opening for the strain-reliefs I like to use is 0.625" x 0.55"
> (Double-D).
>
>   Greenlee USED to make such a punch, but alas no more. Does anyone
> know where I might find such a beast, or are there suggestions for an
> alternative?

Mouser Electronics (http://www.mouser.com/) lists four Greenlee Double "D" punches on page 343 of its current catalog (595). Sitting down? The prices, from smallest to largest, run from $166 to $216.

73,

Dave Newkirk, W9VES
dpnewkirk@home.com

From: nielw@ix.netcom.com
Message-ID: <36228619.9F0@ix.netcom.com>
Date: Mon, 12 Oct 1998 17:43:37 -0500
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: boatanchors@theporch.com
Subject: Re: National Company & HRO
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Chip,

Take a look at my web page at:

http://www.io.com/~nielw/index.htm

I have information about the different models of HRO. For history
there's been some great writeups in magazines like Electric Radio, for
example see "An HRO Story" ER issue 62, June 1994.

73, Niel-WA5VLZ Rochester, MN

Chip Owens wrote:
>

>   Is there a history of the development of the
> HRO somewhere on the net? I'd like to find out more
> about the production history of the HRO receiver-especially
> the different models produced, features, & specs.

End of BOATANCHORS Digest 2255
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